

SECRET2. STATEMENT OF WORK Approved For Release 2002/01/29 : CIA-RDP78E04747A001900040030-5

The Contractor proposes to supply direct engineering and support manpower, material and facilities to accomplish the tasks described below over a ten (10) month period on a cost plus award fee basis.

A. Study Tasks

- (1) Determine quantitative design parameters (e.g., input, output, and response requirements in terms of volumes, frequencies, rates, and types) for each ADP function of the system defined by the Conceptual Design and Functional Specifications [REDACTED] Report No. SCR 288).

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Develop alternative methods for performing these functions, and

evaluate these methods as applied in an integrated system design, and

During the development of the system design, the Contractor shall, *place*

- establish the technique most amenable to utilization in the IIS.*
especial emphasis on the following major areas:
- a. ~~Investigate alternate methods for the handling of ephemeris data~~

~~and establish the technique most amenable to utilization in the IIS.~~

- b. ~~Through experimentation, establish and obtain approval of suitable formats for the various readout worksheets.~~
- c. ~~Establish and obtain approval of the set of products to be generated by the IIS for both internal and external use.~~
- d. ~~Establish procedures for the transcription, entry and approval of material to be added to the data base.~~
- e. ~~Investigate alternatives for the various mensuration activities required at NPIC during both the immediate and detailed reporting cycles.~~

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- f. ~~Investigate~~ procedures for the prediction of the film location of targets and ~~establish~~ a method for target prediction which will meet the requirements of the IIS.
- g. ~~Investigate alternate~~ ^{assisting in} procedures for the distribution of film, the assignment of personnel and the selection of supporting materials to be used during the immediate reporting cycle.
- h. ~~Describe~~ the scope of information to be handled by the IIS required to support imagery exploitation.
- i. ~~Develop a preliminary~~ target data file structure.
- j. ~~Develop a preliminary~~ file utilization program package.
- k. ~~Establish~~ techniques for the retrieval of information stored in the data base.
- l. ~~Establish~~ procedures which will meet established security regulations for the control of film and documents.
- m. ~~Establish~~ procedures for the initiation of briefing boards and for the preparation of the supporting textual material.
- n. ~~Investigate~~ procedures for the machine production of graphic materials ~~and select methods suitable for inclusion in the IIS.~~
- o. ~~Determine how~~ CHIVE, COINS and the data link ~~should~~ interface with the IIS.

NOTE - The study efforts "a" through "o" above will be described in informal memoranda submitted, as individual tasks are completed, for review and approval by NPIC. Approval or disapproval will be given within 10 working days of receipt at NPIC. *Disapproval will*

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- (2) The results of the Task I analysis shall be reported in a formal study

entitled "NPIC IIS System Requirements." The study will describe the overall system operation, the input/output loading factors, and present a brief description of the system components and the interfaces between components.

The cost effectiveness of this overall system and individual system components is compared with present systems.

- (3) Prepare detailed specifications for system components including hardware, computer programs and files in "Integrated Information System (IIS) Specifications." These specifications shall conform to a documentation standard agreed to by the technical monitor and the Contractor. It is understood that the specifications shall be sufficiently detailed to be directly applicable as attachments to Requests for Proposal to be sent to potential vendors. Classification shall be kept as low as feasible.
- (4) Prepare a detailed system implementation plan. This plan shall include schedules and budgetary costs for procurement and installation of hardware and facilities, generation of computer programs and files, manpower, training, system tests and the generation of final system documentation.

B. Reports

In addition to continuing the regular Monthly Progress Letters required by the basic contract per Specification No. DB-1001, 31 August 1966, the Contractor shall produce the following technical reports during the conduct

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of Phase II of the IIS study program:

- (1) A detailed system description for the IIS to be composed of two parts, "NPIC IIS System Requirements" resulting from Task A (2) and "Integrated Information System (IIS) Specifications" resulting from Task A (3).
The detailed specifications contained in the latter document should be issued as attachments to System Requirements. The two documents should be so structured so that they may be used either as a comprehensive Request for Proposal or for the entire hardware or software system or they may be divided into logical subsets and used as RFP's for the subsets. First attention will be given to long lead time components.
- (2) A Detailed System Implementation Plan reporting the results of Task 4.

C. Schedule

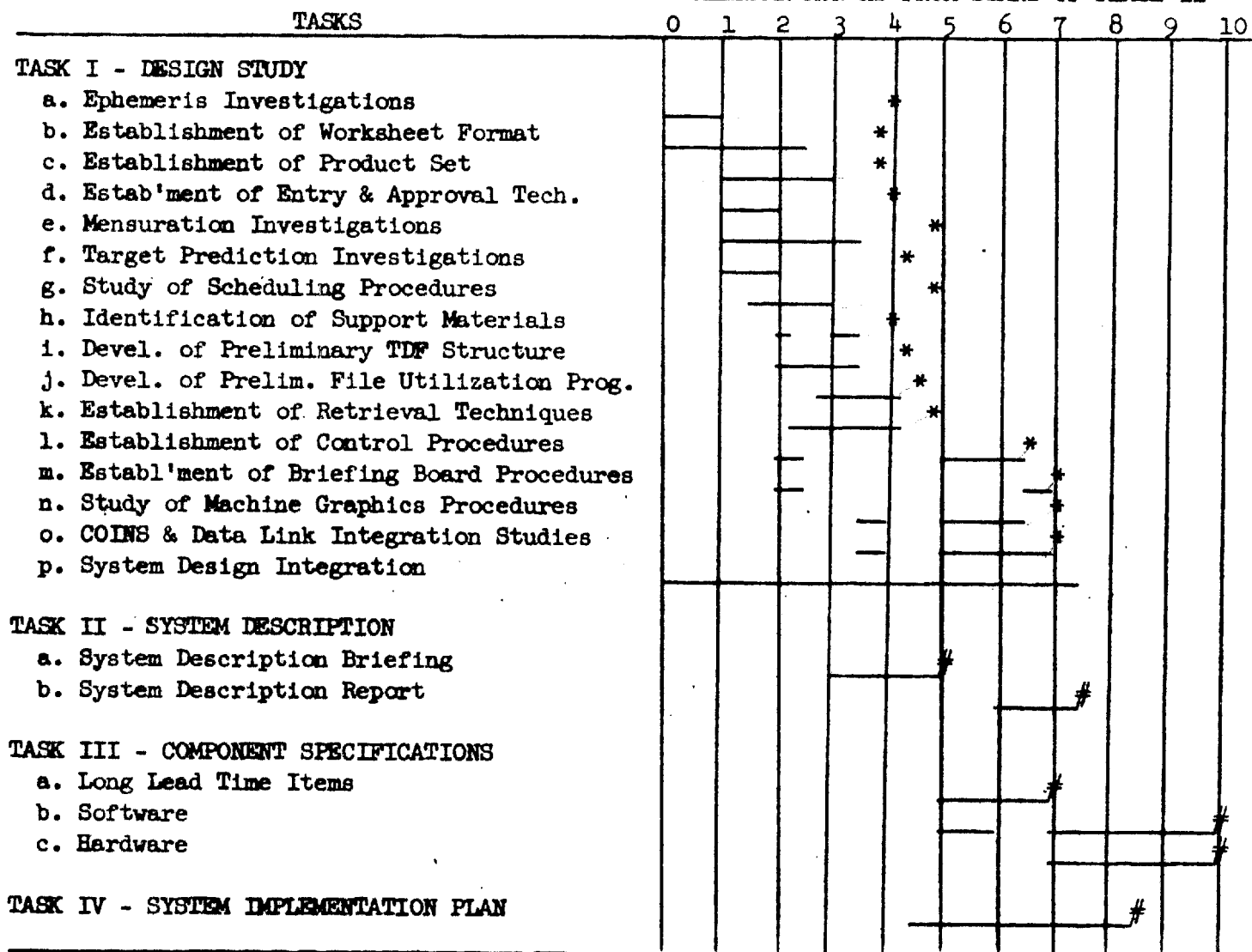
Activities undertaken in fulfillment of the Statement of Work will be accomplished in accordance with the following schedule:

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CALENDAR MONTHS FROM START OF PHASE II



NOTES: (1) * Indicates point in time at which a final design decision must be made.
(2) # Indicates that a document will result.

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